

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 14, 2003

Tim Brown Farallon Consulting, LLC 320 3rd Avenue NE, Suite 200 Issaquah, WA 98027

Re:

Analytical Data for Project 833-002 Laboratory Reference No. 0305-082

Dear Tim:

Enclosed are the analytical results and associated quality control data for samples submitted on May 9, 2003.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely

Dávid Baumeister Project Manager

Enclosures

Lab Reference: 05-082 Project: 833-002

Case Narrative

Samples were collected on May 8, 2003. Samples were maintained at the laboratory at 4°C and followed SW846 analysis and extraction methods.

NWTPH HCID Analysis

Any QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

NWTPH Dx Analysis

Any QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Volatiles EPA 8260B Analysis

Any QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

PCBs EPA 8082 Analysis

Any QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Lab Reference: 05-082 Project: 833-002

NWTPH-HCID

Date Extracted:

5-12-03

Date Analyzed:

5-12-03

Matrix:

Soil

Units:

mg/kg (ppm)

Client ID:	B4-6-9	B5-3-6	B6-9-12
Lab ID:	05-082-12	05-082-16	05-082-21
Gasoline:	ND	ND	ND
PQL:	25	26	29
Diesel Fuel:	ND	ND	ND
PQL:	63	65	72
Lube Oil:	ND	ND	ND
PQL:	130	130	140
Surrogate Recovery:			
o-Terphenyl	129%	118%	124%

Lab Reference: 05-082 Project: 833-002

NWTPH-HCID

Date Extracted:

5-12-03

Date Analyzed:

5-12-03

Matrix:

Soil

Units:

mg/kg (ppm)

Client ID:

B10-3-6

B7-3-6

Lab ID:

05-082-23

05-082-27

Gasoline:

ND

ND

PQL:

24

26

Diesel Fuel:

ND

NID.

PQL:

...

ND 64

60

. .

Lube Oil:

Lube Oil

Lube Oil

PQL:

120

130

Surrogate Recovery:

o-Terphenyl

112%

124%

Lab Reference: 05-082 Project: 833-002

NWTPH-HCID METHOD BLANK QUALITY CONTROL

Date Extracted:

5-12-03

Date Analyzed:

5-12-03

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

MB0512S1

Gasoline:

ND

PQL:

20

Diesel Fuel:

ND

PQL:

50

.

Lube Oil:

ND

PQL:

100

Surrogate Recovery:

o-Terphenyl

128%

Lab Reference: 05-082 Project: 833-002

NWTPH-Dx

Date Extracted: 5-9-03
Date Analyzed: 5-9-03

Matrix:

Soil

Units:

Flags:

mg/kg (ppm)

Client ID: B2-6-9 B3-3-6 B3-6-9 Lab ID: 05-082-04 05-082-06 05-082-07 Diesel Range: ND ND ND PQL: 210 31 31 Identification: 850 ND Lube Oil Range: 130 PQL: 62 420 63 Lube Oil Identification: Lube Oil Surrogate Recovery o-Terphenyl: 87% 55% 66%

Χ

Lab Reference: 05-082 Project: 833-002

NWTPH-Dx METHOD BLANK QUALITY CONTROL

Date Extracted:

5-9-03

Date Analyzed:

5-9-03

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

MB0509S1

Diesel Range:

ND

PQL:

25

Identification:

Lube Oil Range:

ND

PQL:

50

Identification:

Surrogate Recovery

o-Terphenyl:

102%

Flags:

 $\cdot X$

Date of Report: May 14, 2003 Samples Submitted: May 9, 2003 Lab Reference: 05-082

Project: 833-002

NWTPH-Dx DUPLICATE QUALITY CONTROL

Date Extracted: 5
Date Analyzed: 5

5-9-03 5-9-03

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

05-007-02

05-007-02 DUP

Diesel Range:

ND

ND

PQL:

25

25

RPD:

N/A

Surrogate Recovery

o-Terphenyl:

61%

76%

Lab Reference: 05-082

Project: 833-002

VOLATILES by EPA 8260B Page 1 of 2

Date Extracted:

5-12-03

Date Analyzed:

5-12-03

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

05-082-07

Client ID: B3-6-9

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0012
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0012
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	0.053		0.0062
lodomethane	ND		0.0062
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0062
(trans) 1,2-Dichloroethene	ND .		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0062
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	0.0073		0.0062
Bromochloromethane	ND		0.0012
Chloroform	ND	• • • • •	0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0062
(cis) 1,3-Dichloropropene	ND		0.0002
Methyl Isobutyl Ketone	ND		0.0012
Toluene	ND		0.0002
(trans) 1,3-Dichloropropene	ND		0.0012
(many) 110 Diomoroproperio	ND	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.0012

OnSite Environmental, Inc. 14648 NE 95th Street, Redmond, WA 98052 (425) 883-3881

Lab Reference: 05-082 Project: 833-002

Dibromofluoromethane

4-Bromofluorobenzene

Toluene, d8

VOLATILES by EPA 8260B Page 2 of 2

Lab ID:	05-082-07
Client ID:	B3-6-9

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0062
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	· ND		0.0012
Chlorobenzene	ND	*	0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0025
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND.		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND "		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND ·		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-lsopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0062
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0062
Naphthalene	0.0018		0.0012
1,2,3-Trichlorobenzene	ND		0.0012
			*
	Percent		Control
Surrogate	Recovery		Limits

OnSite Environmental, Inc. 14648 NE 95th Street, Redmond, WA 98052 (425) 883-3881

130

107

123

60-137

71-129

60-149

Lab Reference: 05-082 Project: 833-002

VOLATILES by EPA 8260B Page 1 of 2

Date Extracted:

5-12-03

Date Analyzed:

5-12-03

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

05-082-21

Client ID: B6-9-12

Compound	- 3	Results	Flags	PQL
Dichlorodifluoromethane		ND	9	0.0014
Chloromethane		ND		0.0014
Vinyl Chloride		ND		0.0014
Bromomethane		ND		0.0014
Chloroethane		ND		0.0014
Trichlorofluoromethane		ND		0.0014
1,1-Dichloroethene		ND		0.0014
Acetone		0.023		0.0072
lodomethane		ND		0.0072
Carbon Disulfide		ND ·		0.0014
Methylene Chloride		ND		0.0072
(trans) 1,2-Dichloroethene		ND		0.0014
Methyl t-Butyl Ether		ND		0.0014
1,1-Dichloroethane		ND		0.0014
Vinyl Acetate		ND.		0.0072
2,2-Dichloropropane		ND		0.0014
(cis) 1,2-Dichloroethene		ND		0.0014
2-Butanone		ND		0.0072
Bromochloromethane		ND		0.0014
Chloroform		ND.		0.0014
1,1,1-Trichloroethane		ND		0.0014
Carbon Tetrachloride		ND		0.0014
1,1-Dichloropropene		ND		0.0014
Benzene		ND		0.0014
1,2-Dichloroethane		ND		0.0014
Trichloroethene		ND	•	0.0014
1,2-Dichloropropane		ND		0.0014
Dibromomethane		ND		0.0014
Bromodichloromethane		ND		0.0014
2-Chloroethyl Vinyl Ether		ND		0.0072
(cis) 1,3-Dichloropropene		ND		0.0014
Methyl Isobutyl Ketone		ND ·		0.0072
Toluene		ND		0.0014
(trans) 1,3-Dichloropropene	*.	ND		0.0014

OnSite Environmental, Inc. 14648 NE 95th Street, Redmond, WA 98052 (425) 883-3881

Lab Reference: 05-082 Project: 833-002

Lab ID:

Client ID:

p-Isopropyltoluene

n-Butylbenzene

Naphthalene

1,4-Dichlorobenzene

1,2-Dichlorobenzene

1,2,4-Trichlorobenzene

1,2,3-Trichlorobenzene

Hexachlorobutadiene

1,2-Dibromo-3-chloropropane

VOLATILES by EPA 8260B Page 2 of 2

Compound	R	lesuits	Flags	PQL
1,1,2-Trichloroethane		ND ·		0.0014
Tetrachloroethene		ND		0.0014
1,3-Dichloropropane	*	ND		0.0014
2-Hexanone		ND		0.0072
Dibromochloromethane		ND		0.0014
1,2-Dibromoethane		ND		0.0014
Chlorobenzene		ND		0.0014
1,1,1,2-Tetrachloroethane		ND		0.0014
Ethylbenzene		ND		0.0014
m,p-Xylene		ND		0.0029
o-Xylene		ND		0.0014
Styrene		ND		0.0014
Bromoform		ND		0.0014
Isopropylbenzene		ND		0.0014
Bromobenzene		ND	-	0.0014
1,1,2,2-Tetrachloroethane		ND		0.0014
1,2,3-Trichloropropane		ND		0.0014
n-Propylbenzene		ND		0.0014
2-Chlorotoluene		ND .		0.0014
4-Chlorotoluene		ND		0.0014
1,3,5-Trimethylbenzene		ND .		0.0014
tert-Butylbenzene		ND		0.0014
1,2,4-Trimethylbenzene		ND		0.0014
sec-Butylbenzene		ND		0.0014
1,3-Dichlorobenzene		ND		0.0014

05-082-21

B6-9-12

	Percent	Control
Surrogate	Recovery	Limits
Dibromofluoromethane	120	60-137
Toluene, d8	111	71-129
4-Bromofluorobenzene	131	60-149

OnSite Environmental, Inc. 14648 NE 95th Street, Redmond, WA 98052 (425) 883-3881

ND

ND

ND

ND

ND

ND

ND

ND

ND

0.0014

0.0014

0.0014

0.0014

0.0072

0.0014

0.0072

0.0014

0.0014

Lab Reference: 05-082 Project: 833-002

VOLATILES by EPA 8260B METHOD BLANK QUALITY CONTROL

Page 1 of 2

Date Extracted:

5-12-03

Date Analyzed:

5-12-03

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

MB0512S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0010
Vinyl Chloride	ND	^.	0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0010
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
lodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND	,	0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND	•	0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND	• • •	0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0010
(trans) 1,3-Dichloropropene	ND		0.0010
	•	and the second	

OnSite Environmental, Inc. 14648 NE 95th Street, Redmond, WA 98052 (425) 883-3881

Date of Report: May 14, 2003 Samples Submitted: May 9, 2003 Lab Reference: 05-082 Project: 833-002

VOLATILES by EPA 8260B METHOD BLANK QUALITY CONTROL Page 2 of 2

Lab ID:

MB0512S1

0	Decelle	Fla	201
Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND ND		0.0010
1,3-Dichloropropane	–		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND	•	0.0010
1,1,1,2-Tetrachloroethane	ND	•	0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND	***	0.0010
p-Isopropyltoluene	ND	~	0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND`		0.0010
n-Butylbenzene	ND	er er er er er er i	0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND	,	0.0010
Hexachlorobutadiene	ND	8	0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010
	Percent		Control
Surrogate	Recovery		Limits
Dibromofluoromethane	129		60-137
Toluene, d8	109		71-129
4-Bromofluorobenzene	139	1.00	60-149

OnSite Environmental, Inc. 14648 NE 95th Street, Redmond, WA 98052 (425) 883-3881

Date of Report: May 14, 2003 Samples Submitted: May 9, 2003 Lab Reference: 05-082

Project: 833-002

VOLATILES by EPA 8260B MS/MSD QUALITY CONTROL

Date Extracted:

5-12-03

Date Analyzed:

5-12-03

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

04-218-07

Sample Amount	Spike Amount	MS	Percent Recovery	MSD	Percent Recovery	Recovery Limits	Flags
ND	0.0500	0.0678	136	0.0697	139	30-153	
ND	0.0500	0.0498	100	0.0504	101	58-140	
ND -	0.0500	0.0299	60	0.0291	58	38-130	
ND	0.0500	0.0241	48	0.0231	46	28-147	
ND	0.0500	0.0254	51	0.0270	54	47-131	
	Amount ND ND ND ND ND	Amount Amount ND 0.0500 ND 0.0500 ND 0.0500 ND 0.0500 ND 0.0500	Amount Amount MS ND 0.0500 0.0678 ND 0.0500 0.0498 ND 0.0500 0.0299 ND 0.0500 0.0241	Amount Amount MS Recovery ND 0.0500 0.0678 136 ND 0.0500 0.0498 100 ND 0.0500 0.0299 60 ND 0.0500 0.0241 48	Amount Amount MS Recovery MSD ND 0.0500 0.0678 136 0.0697 ND 0.0500 0.0498 100 0.0504 ND 0.0500 0.0299 60 0.0291 ND 0.0500 0.0241 48 0.0231	Amount Amount MS Recovery MSD Recovery ND 0.0500 0.0678 136 0.0697 139 ND 0.0500 0.0498 100 0.0504 101 ND 0.0500 0.0299 60 0.0291 58 ND 0.0500 0.0241 48 0.0231 46	Amount Amount MS Recovery MSD Recovery Limits ND 0.0500 0.0678 136 0.0697 139 30-153 ND 0.0500 0.0498 100 0.0504 101 58-140 ND 0.0500 0.0299 60 0.0291 58 38-130 ND 0.0500 0.0241 48 0.0231 46 28-147

			RPD	RPD Limit	Flags
1,1-Dichloroethene			2.8	. 11	
Benzene		2	1.4	. 11	
Trichloroethene			2.7	11	
Toluene			3.9	9.6	
Chlorobenzene			6.4	11	

Date of Report: May 14, 2003 Samples Submitted: May 9, 2003 Lab Reference: 05-082

Project: 833-002

PCBs by EPA 8082

Date Extracted:

5-9-03

Date Analyzed:

5-11-03

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

05-082-23

Client ID:

B10-3-6

en e	Result	PQL
Aroclor 1016:	ND	0.060
Aroclor 1221:	ND	0.060
Aroclor 1232:	ND	0.060
Aroclor 1242:	ND	0.060
Aroclor 1248:	ND	0.060
Aroclor 1254:	ND	0.060
Aroclor 1260:	ND	0.060

	Percent	Control
Surrogate	Recovery	Limits
Decachlorobiphenyl	96	41-128

Lab Reference: 05-082

Project: 833-002

PCBs by EPA 8082

Date Extracted:

5-9-03

Date Analyzed:

5-11-03

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

05-082-27

Client ID:

B7-3-6

	Result	PQL
Aroclor 1016:	ND	0.064
Aroclor 1221:	ND	0.064
Aroclor 1232:	ND	0.064
Aroclor 1242:	ND	0.064
Aroclor 1248:	ND	0.064
Aroclor 1254:	ND	0.064
Aroclor 1260:	ND	0.064
	Percent	Control
Surrogate	Recovery	Limits

86

Flags:

Decachlorobiphenyl

41-128

Date of Report: May 14, 2003 Samples Submitted: May 9, 2003 Lab Reference: 05-082

Project: 833-002

PCBs by EPA 8082 METHOD BLANK QUALITY CONTROL

Date Extracted:

5-9-03

Date Analyzed:

5-11-03

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

MB0509S1

	Result	PQL
Aroclor 1016:	ND	0.050
Aroclor 1221:	ND	0.050
Aroclor 1232:	ND	0.050
Aroclor 1242:	ND	0.050
Aroclor 1248:	ND	0.050
Aroclor 1254:	ND	0.050
Aroclor 1260:	ND	0.050

	Percent	Control
Surrogate	Recovery	Limits
Decachlorobiphenyl	88	41-128

Date of Report: May 14, 2003 Samples Submitted: May 9, 2003

Lab Reference: 05-082 Project: 833-002

> PCBs by EPA 8082 MS/MSD QUALITY CONTROL

Date Extracted:

5-5-03

Date Analyzed:

5-11-03

Matrix:

Soil

Units:

mg/kg (ppm)

Lab ID:

05-029-02

Spike Level:

0.500

	•	Percent		Percent	
	MS	Recovery	MSD	Recovery	RPD
Aroclor 1260:	0.413	83	0.434	87	5
PQL	0.050		0.050		
	Percent		Percent	Control	
Surrogate	Recovery		Recovery	Limits	
Decachlorobinhenyl	78		83	41-128	

Lab Reference: 05-082 Project: 833-002

% MOISTURE

Date Analyzed: 5-9,12,&13-03

Client ID		Lab ID	% Moisture
B2-6-9		05-082-04	41
B3-3-6	,	05-082-06	20
B3-6-9		05-082-07	19
B4-6-9		05-082-12	20
B5-3-6		05-082-16	23
B6-9-12		05-082-21	31
B10-3-6		05-082-23	17
B7-3-6		05-082-27	22



Data Qualifiers and Abbreviations

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- D Data from 1:____ dilution.
- E The value reported exceeds the quantitation range, and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- G Insufficient sample quantity for duplicate analysis.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeniety. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.
- O Hydrocarbons outside the defined gasoline range are present in the sample.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical _____.
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD is outside control limits due to sample inhomogeniety.
- X Sample extract treated with a silica gel cleanup procedure.
- Y Sample extract treated with a silica gel/acid cleanup procedure.

z-

ND - Not Detected at PQL

MRL - Method Reporting Limit

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference

OnSite		Ch	ıain	of (Cu	St	101	ly	Į.				٠						F	Page _		of _	3	
Environmental Inc. 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • Fax: (425) 885-4603		Turnaround (in workin			La	ıbo	ratc	эry	Nui	mbe	er:						<u> </u>							
Company: Fig. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		(Check	(One)	•								Re	eque	este	d A	naly	sis							
Project Number: \$33-002 Project Name:	,	ame Day] 1 Day					8260B														.	
Former Panner Breway Property	TAS 2 C Sta	Day andard (7 wo] 3 Day				_	1>	1270C	WIS .		₹	A F	(8)									
Tim Brown		·			GD	X/BTE	×	y 8260E	ed Vola	les by 8	270C /	3082	by 808	by 815	A Meta	als	664							Φ.
DONN Schmitt	Date	Time	her)	# of	NWTPH-HCID	NWTPH-Gx/BTEX	WTPH-Dx	/olatiles by 8260B	Halogenated Volatiles by	Semivolatiles by 8270C	PAHS by 8270C / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	VPH	ЕРН					% Moisture
Lab ID Sample Identification 1 B1-0-3	Sampled 5/8/03			Cont.	₹_	2	Ž	3	뿔	S	₫.	<u>R</u>	Pe	모	P	1	里	Α	<u> </u>			\dashv	-	%
2 82-0-3	-101 <u> </u>	0920		2																				
8 82-3-6		0425		1																				
4 82-6-9	<u> </u>	0935	1	1	-	-	X	<u> </u>	 			<u> </u>	_		_	\perp	 	<u> </u>		\sqcup	\Box		— '	X
5 3-0-3		1045	+-	1	-	-	1	 	+	-	\vdash		 	-	\vdash	-	-	-		$\vdash \vdash$	H	\dashv	\dashv	X
6 B3-3-6 7 D3-6-9	,	1050		2	-	-	X	X	-	-	\vdash		-	-	 	-	-		-	\vdash	\dashv	\dashv		Ĵ
8 83-9-12		1115		2			1			-					\vdash		-				1	1	+	
9 83-12-15		1125		2																			\exists	
10 84-0-3	*	1230	+	1				'	1					201										
Signature Relinquished by Joh SO J	2	FM7242	L-4 >-	J		Date	103		Time	232	_	COIN	iieus	3/2J03	<u>जीहा ग</u>	instruc	લાળી							
Received by Marl Zurlah		(300				5	15/	07	1	2:3		1).								,
Redinquished by				and the			79/		+	(0)									•					
Relinquished by			De		-	5.	9.0	3	1.	00	P											-		
Received by		 															· .							
Reviewed by/Date		Reviewed by	oy/Date									Chr	oma'	toare	-ms '	with f	final	repo	ırt 🗀					

OnSite		Cl	ain	of	Cu	81	0	ly											P	age _	2	of _	3	_
Environmental Inc. 14648 NE 95th Street - Redmond, WA 98052		Turnaroun (in worki	d Reque	st	La	bo	rato	ory	Nu	mbe	er:					n	5 -	-0	8	3				
Phone: (425) 883-3881 • Fax: (425) 885-4603 Company:		(Chec	(One)									Re	equ	este	d Aı	naly	sis							
Project Number:		•	•															[
832-002	1	ame Day	بــا	1 Day			}		8260B															
Project Name: Former Parvicer Brewery Property Project Manager:	\$ 12	Day		3 Day					by 8	ပ္က	_			1	<u></u>									
Project Manager:	⊢ □s	tandard (7 w	orking d	ays)		×		8	latiles	827	₹s/		81A	151A	tals (8			2						
Sampled by:	⊣ □_	·	<u> </u>		믕	x/BT	×	/ 826	8	es by	2700	082	by 80	by 8	A Me	읉	364							a)
JOHN SCHMITT			ner)		WTPH-HCID	NWTPH-Gx/BTEX	WTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by	Semivolatiles by 8270C	PAHs by 8270C / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	otal RCRA Metals (8)	CLP Metals	HEM by 1664					ı		% Moisture
Lab ID Sample Identification	Date Sampled	Time I Sampled	Matrix	# of Cont.	E _N	NA.	¥_	Volati	Halog	Semi	PAHs	PCBs	Pestic	Herb	otal	고 교	필	AP.	HH.					¥ %_
11 34-3-6	5/9/03	1240	S	2		L																		
12 134-6-9	1_1_	1250		2	X								_											X
13 84-9-12		1305		219																				
14 84-12-13,5		1325		12																				
15 35-0-3		1355																				\prod		
16 35-3-6		1400		ユ	X																			X
17 85-6-9		1415		2																				
18 86-0-3		1450		2																				
19 136-3-6		1455		2													_							
20 36-6-9	+	1500	L	2			,]														_ \	
Signature Relinquished by Scl. W		Сопрапу		- 1		Date			Time		_	Cam	ment	s/Spe	cial Ir	rstruc	tions	:						
		FIAR				5/0	1/0	3	12	35														
Received by Man What		Chan	Pirs	Ħ5-	7	51	24	ارا	12	212	\leq													
Relinquished by		<u> </u>	mp	·		5				1 20.	J													
Received by		L C	Se			<u>5</u> .	9.0	13	<u>/:</u>	00	p													
Relinquished by C 1		ļ			_								-											
Received by		<u> </u>																						

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy

Reviewed by/Date

Chromatograms with final report

OnSite			Chain of Custody													Page 3 of 3							
Environmental Inc. 14648 NE 95th Street • Redmond, WA 98052		Turnaroun (in worki	d Reque	est)	La	aboı	rato	ory	Nu	mb	er:			ν,			n 82						
Phone: (425) 883-3881 • Fax: (425) 885-4603 Company:												Re	eque	este	d Aı								
Froject Number:		(Chec	k One)	•								-					[T				
Project Number: \$33	□ S	ame Day] 1 Day					260B														
Project Name:	√ 4-2	Day] 3 Day					by 8	0			İ									. 1	
Froject Manager: Browery Boper	ব৸ 🗀 sı	tandard (7 w	orking c	lays)		×		8	Halogenated Volatiles by 8260B	8270C			<u>8</u>	151A	fotal RCRA Metals (8)	Ì						-	
Tim Brown Sampled by:			*.		l E	∕BTE		826	8 8	se by	20C	85	8	by 8	Met	2	25						
JOHN SUMMITT	.	(ot	her)		붗	Θ̈́	Ţ	s by	anate	olatii	98	by 8	sep	ides	CR/	Meta	y 16	ļ					sture
Lab ID Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halog	Semivolatiles by	PAHs by 8270C	PCB's by 8082	Pesticides by 8081	Herbicides by 8151A	Total	TCLP Metals	HEM by 1664	VPH	EPH	1			% Moisture
21 36-9-12	5/8/03	1510	5	2	X			X												,			Ϋ́
22 810-0-3		1610		2																			
23 BIU-3-6		1615		-1	X							X											X
24 B10-8-9		1620		1														_					
25 B10-9-12		1625		2																			
26 B7-0-3		1745		2																			
27 B7-3-6		1755		2	X							X											X
28 87-7,5-9	1	1800	L	2	_																		
-7.0																							
			i i																				
Signature		Company				Date			Time			Com	ment	s/Spe	ciat Ir	ıstruc	tions	:					
Relinquished by Jal Sgl 14		Fara	1100			5/	1-10	3	12	35	•												
Received by Tan Julian		Change				5	/3/	47	17	11								,					
Relinquished by	57	che	11	775-	2	2	/2	62	1	200													
Received by		OS	2			5. 9	7.0	23	1:	00	ρ									•			
Relinquished by					· .		-												٠,				
Received by									′														
Reviewed by/Date		Reviewed	by/Date									Chr	omai	togra	ms v	with 1	final	repo	rt 🗆				_